



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 10

**Complete if Known**

Application Number	09/705,514
Filing Date	11/2/2000
First Named Inventor	Philyaw
Art Unit	2145
Examiner Name	Melvin H. Pollack
Attorney Docket Number	PHLY-25,509

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MHP	01	US- 3,668,312	06/06/72	Yamamoto et al.	
	02	US- 4,002,886	01/11/77	Sundelin	
	03	US- 4,042,792	08/16/77	Pakenham et al.	
	04	US- 4,365,148	12/21/82	Whitney	
	05	US- 4,621,250	11/04/86	Schepers et al.	
	06	US- 4,654,482	03/31/87	DeAngelis	
	07	US- 4,780,599	10/25/88	Baus	
	08	US- 4,785,296	11/15/88	Tabata et al.	
	09	US- 4,816,904	03/28/89	McKenna et al.	
	10	US- 4,817,136	03/28/89	Rhoads	
	11	US- 4,833,308	05/23/89	Humble	
	12	US- 4,841,132	06/20/89	Kajitani et al.	
	13	US- 4,845,634	07/04/89	Vitek et al.	
	14	US- 4,894,789	01/16/90	Yee	
	15	US- 4,899,370	02/06/90	Kameo et al.	
	16	US- 4,901,073	02/13/90	Kibrick	
	17	US- 4,905,094	02/27/90	Pocock et al	
	18	US- 4,907,264	03/06/90	Seiler et al	
MHP	19	US- 4,916,293	04/10/90	Cartledge et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
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MHP	AA	WO 95/10813	10/14/94	PCT		
MHP	AB	WO 96/07146	09/01/95	PCT		
MHP	AC	WO 97/37319	02/20/97	PCT		
MHP	AD	WO 98/03923	01/29/98	PCT		
MHP	AE	WO 98/06055	02/12/98	PCT		
MHP	AF	WO 98/09243	08/22/97	PCT		

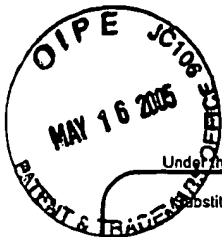
Examiner  
Signature*Melvin H. Pollack*Date  
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Sheet 2 of 10**Complete if Known**

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MHP	20	US- 4,937,853	06/26/90	Brule et al.	
	21	US- 4,947,028	08/07/90	Gorog	
	22	US- 4,959,530	09/25/90	O'Connor	
	23	US- 4,975,948	12/04/90	Andersen et al.	
	24	US- 4,984,155	01/08/91	Geier et al.	
	25	US- 5,038,023	08/06/91	Saliga	
	26	US- 5,054,096	10/01/91	Beizer	
	27	US- 5,088,045	02/11/92	Shimanaka et al.	
	28	US- 5,111,391	05/05/92	Fields et al.	
	29	US- 5,115,326	05/19/92	Burgess et al.	
	30	US- 5,128,752	07/07/92	Von Kohorn	
	31	US- 5,144,654	09/01/92	Kelley et al.	
	32	US- 5,161,037	11/03/92	Saito	
	33	US- 5,161,214	11/03/92	Addink et al.	
	34	US- 5,182,705	01/26/93	Barr et al.	
	35	US- 5,189,630	02/23/93	Barstow et al.	
	36	US- 5,191,525	03/02/93	LeBrun et al.	
	37	US- 5,198,644	03/30/93	Pfeiffer et al.	
MHP	38	US- 5,235,654	08/10/93	Anderson et al.	

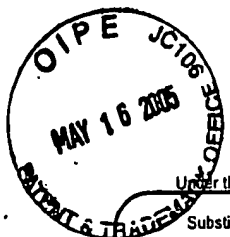
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MHP	AG	WO 98/19259	05/07/98	PCT		
MHP	AH	WO 98/40823	09/17/98	PCT		
MHP	AI	WO 99/63457	06/03/99	PCT		
MHP	AJ	EP 0 961 250 A2	12/01/99	EP		
MHP	AK	JP 10188140A	12/24/96	JP		
	AL					

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MHP	39	US- 5,241,402	08/31/93	Aboujaoude et al.	
	40	US- 5,243,531	09/07/93	DiPippo et al.	
	41	US- 5,247,347	09/21/93	Litteral et al.	
	42	US- 5,262,860	11/16/93	Fitzpatrick et al.	
	43	US- 5,285,278	02/08/94	Holman	
	44	US- 5,287,181	02/15/94	Holman	
	45	US- 5,288,976	02/22/94	Citron et al.	
	46	US- 5,296,688	03/22/94	Hamilton et al.	
	47	US- 5,304,786	04/19/94	Pavlidis et al.	
	48	US- 5,305,195	04/19/94	Murphy	
	49	US- 5,319,454	06/07/94	Schtle	
	50	US- 5,324,922	06/28/94	Roberts	
	51	US- 5,331,547	07/19/94	Laszlo	
	52	US- 5,340,966	08/23/94	Morimoto	
	53	US- 5,357,276	10/18/94	Banker et al.	
	54	US- 5,362,948	11/08/94	Morimoto	
	55	US- 5,382,779	01/17/95	Gupta	
	56	US- 5,386,298	01/31/95	Bronnenberg et al.	
MHP	57	US- 5,398,336	03/14/95	Tantry et al.	

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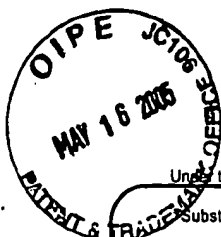
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Sheet 4 of 10

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Application Number	09/705,514
Filing Date	11/2/2000
First Named Inventor	Philyaw
Art Unit	2145
Examiner Name	Melvin H. Pollack
Attorney Docket Number	PHLY-25,509

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MHP	58	US- 5,405,232	04/11/95	Lloyd et al.	
	59	US- 5,418,713	05/23/95	Allen	
	60	US- 5,420,403	05/30/95	Allum et al.	
	61	US- 5,420,943	05/30/95	Mak	
	62	US- 5,424,524	06/13/95	Ruppert et al.	
	63	US- 5,438,355	08/01/95	Palmer	
	64	US- 5,446,490	08/29/95	Blahut et al.	
	65	US- 5,446,919	08/29/94	Wilkins	
	66	US- 5,491,508	02/13/96	Friedell et al.	
	67	US- 5,493,107	02/20/96	Gupta et al.	
	68	US- 5,519,878	05/21/96	Dolin, Jr.	
	69	US- 5,530,852	06/25/96	Meske, Jr. et al.	
	70	US- 5,570,295	10/29/96	Isenberg et al.	
	71	US- 5,572,643	11/05/96	Judson	
	72	US- 5,592,551	01/07/97	Lett et al.	
	73	US- 5,594,226	01/14/97	Steger	
	74	US- 5,602,377	02/11/97	Beller et al.	
	75	US- 5,604,542	02/18/97	Dedrick	
MHP	76	US- 5,640,193	06/17/97	Wellner	

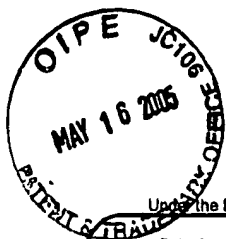
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MHP	77	US- 5,649,186	07/15/97	Ferguson	
	78	US- 5,664,110	09/02/97	Green et al.	
	79	US- 5,671,282	09/23/97	Wolff et al.	
	80	US- 5,675,721	10/07/97	Freedman et al.	
	81	US- 5,682,540	10/28/97	Klotz, Jr. et al.	
	82	US- 5,694,163	12/02/97	Harrison	
	83	US- 5,708,780	01/13/98	Levergood et al.	
	84	US- 5,710,887	01/20/98	Chelliah et al.	
	85	US- 5,715,314	02/03/98	Payne et al.	
	86	US- 5,724,424	03/03/98	Gifford	
	87	US- 5,745,681	04/28/98	Levine et al.	
	88	US- 5,754,906	05/19/98	Yoshida	
	89	US- 5,757,917	05/26/98	Rose et al.	
	90	US- 5,761,606	06/02/98	Wolzien	
	91	US- 5,764,906	06/09/98	Edelstein et al.	
	92	US- 5,765,176	06/09/98	Bloomberg	
	93	US- 5,768,528	06/16/98	Stumm	
	94	US- 5,774,664	06/30/98	Hidary et al.	
MHP	95	US- 5,774,870	06/30/98	Storey	

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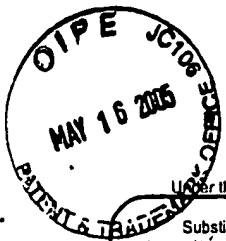
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	99	US- 5,794,210	08/11/98	Goldhaber et al.	
	100	US- 5,796,952	08/18/98	Davis et al.	
	101	US- 5,804,803	09/08/98	Cragun et al.	
	102	US- 5,815,776	09/29/98	Nukada	
	103	US- 5,832,223	11/03/98	Hara et al.	
	104	US- 5,833,468	11/10/98	Guy et al.	
	105	US- 5,848,202	12/08/98	D'Eri et al.	
	106	US- 5,848,413	12/08/98	Wolff	
	107	US- 5,854,897	12/29/98	Radziewicz et al.	
	108	US- 5,864,823	01/26/99	Levitan	
	109	US- 5,869,819	02/09/99	Knowles et al.	
	110	US- 5,905,248	05/18/99	Russell et al.	
	111	US- 5,905,251	05/18/99	Knowles	
	112	US- 5,905,665	05/18/99	Rim	
	113	US- 5,905,865	05/18/99	Palmer et al.	
MHP	114	US- 5,907,793	05/25/99	Reams	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

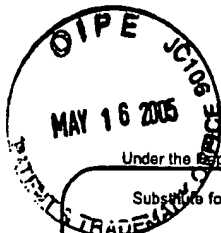
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Signature*Melvin H. Pollack*Date  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7 of 10**Complete if Known**

Application Number	09/705,514
Filing Date	11/2/2000
First Named Inventor	Philyaw
Art Unit	2145
Examiner Name	Melvin H. Pollack
Attorney Docket Number	PHLY-25,509

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MHP	115	US- 5,913,210	06/15/99	Call	
	116	US- 5,915,090	06/22/99	Joseph et al.	
	117	US- 5,918,214	06/29/00	Perkowski	
	118	US- 5,925,865	07/20/99	Steger	
	119	US- 5,929,850	07/27/99	Broadwin et al.	
	120	US- 5,932,863	08/03/99	Rathus et al.	
	121	US- 5,933,829	08/03/99	Durst et al.	
	122	US- 5,948,061	09/07/99	Merriman et al.	
	123	US- 5,957,695	09/28/99	Redford et al.	
	124	US- 5,960,411	09/28/99	Hartman et al.	
	125	US- 5,961,603	10/05/99	Kunkel et al.	
	126	US- 5,970,471	10/19/99	Hill	
	127	US- 5,970,472	10/19/99	Allsop et al.	
	128	US- 5,971,277	10/26/99	Cragum et al.	
	129	US- 5,974,443	10/26/99	Jeske	
	130	US- 5,974,451	10/26/99	Simmons	
	131	US- 5,976,833	11/02/99	Furukawa et al.	
	132	US- 5,978,773	11/02/99	Hudetz et al.	
MHP	133	US- 5,991,739	11/23/99	Cupps et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

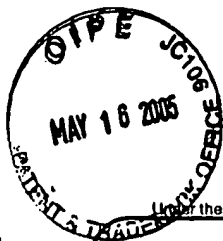
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Signature*Melvin H. Pollack*Date  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 8 of 10

**Complete if Known**

Application Number	09/705,514
Filing Date	11/2/2000
First Named Inventor	Philyaw
Art Unit	2145
Examiner Name	Melvin H. Pollack
Attorney Docket Number	PHLY-25,509

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MHP	134	US- 5,992,752	11/30/99	Wilz, Sr. et al.	
	135	US- 5,995,105	11/30/99	Reber et al.	
	136	US- 6,002,394	12/14/99	Schein et al.	
	137	US- 6,003,073	12/14/99	Solvason	
	138	US- 6,006,257	12/21/99	Slezak	
	139	US- 6,009,410	12/28/99	LeMole et al.	
	140	US- 6,009,465	12/28/99	Decker et al.	
	141	US- 6,012,102	01/04/00	Shachar	
	142	US- 6,018,764	01/25/00	Field et al.	
	143	US- 6,064,929	05/16/00	Perkowski	
	144	US- 6,108,656	08/22/00	Durst et al.	
MHP	145	US- 5,812,776	09/1998	Gifford	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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Signature*Melvin H. Pollack*Date  
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7/13/05

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**INFORMATION DISCLOSURE  
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Sheet 9

of

10

**Complete if Known**

Application Number 09/705,514

Filing Date 11/2/2000

First Named Inventor Philyaw

Art Unit 2145

Examiner Name Melvin H. Pollack

Attorney Docket Number PHL-25,509

**NON PATENT LITERATURE DOCUMENTS**

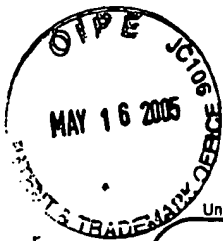
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MHP	001	"Group Decision Support System; Development and Application", Energy Systems, James W. Thomas; Westinghouse, Pittsburgh, PA.	
MHP	002	"New Technologies in Credit Card Authentication", Pieter de Bruyne; Institute for Communications Technology Zurich, Switzerland; CH2892-1990 IEEE.	
MHP	003	"AVITAL, a Private Teaching System by Fax Communication", Atsushi Iizawa et al.; Software Research Center, RICOH Company; 8186-2697; 06/92; IEEE.	
MHP	004	"Document on Computer" IPCC96; Fast Track; The US Postal Service...; 7803-3689, 1996, IEEE	
MHP	005	"Development of a Commercially Successful Wearable Data Collection System" Robert Stein et al.; 8186-9074; 07/1998, IEEE	
MHP	006	"NESTLE, What Do Forward Looking Companies Consider in Their Plans and Developments?" A. G. Johnston; File Name: IEE Colloquium; 10/12/97.	
MHP	007	"The Automation Synergy", Ricardo Neves et al.; IEEE Catalog Number 97TH8280.	
MHP	008	"Integration of Hand-Written Address Interpretation Technology Into the United States Postal Service Remote Computer Reader System"; Sargur N. Srinani et al. 8186-7898; 04/97; IEEE	
MHP	009	"Paper Based Document Security - A Review" Rudolf L. Van Renesse; European Conference on Security and Detection 28-30 April 1997; Publication No. 437; IEEE 1997.	
MHP	010	"IEEE Standard for Bar Coding for Distribution Transformers", IEEE Std. C57, 1996; Copyright 1996 by the Institute of Electrical and Electronics Engineers, Inc.	

Examiner Signature	<i>Melvin H. Pollack</i>	Date Considered	7/13/05
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		Application Number	09/705,514		
		Filing Date	11/2/2000		
		First Named Inventor	Philyaw		
		Art Unit	2145		
		Examiner Name	Melvin H. Pollack		
Sheet	10	of	10	Attorney Docket Number	PHLY-25,509

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MHP	11	"The Stylus" Shopping from Home; John W. Barrus et al.; Stylus Innovation, Cambridge, MA 02142; 8186-2730; IEEE, 1992.	
MHP	12	"Distributing Uniform Resource Locators as Bar Code Images"; IBM Technical Disclosure Bulletin..., January 1996; Vol-39; Pub. No. 1; pp 167-168.	
MHP	13	"Bar Code Method for Automating Catalog Orders"; IBM Technical Disclosure Bulletin, pp 243-244; September 1988.	
MHP	14	"Bar Code Recognition System Using Image Processing"; Miko Kuroki et al.; Hitachi Process Computer Engineering, Inc.;	

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